

Figure 1

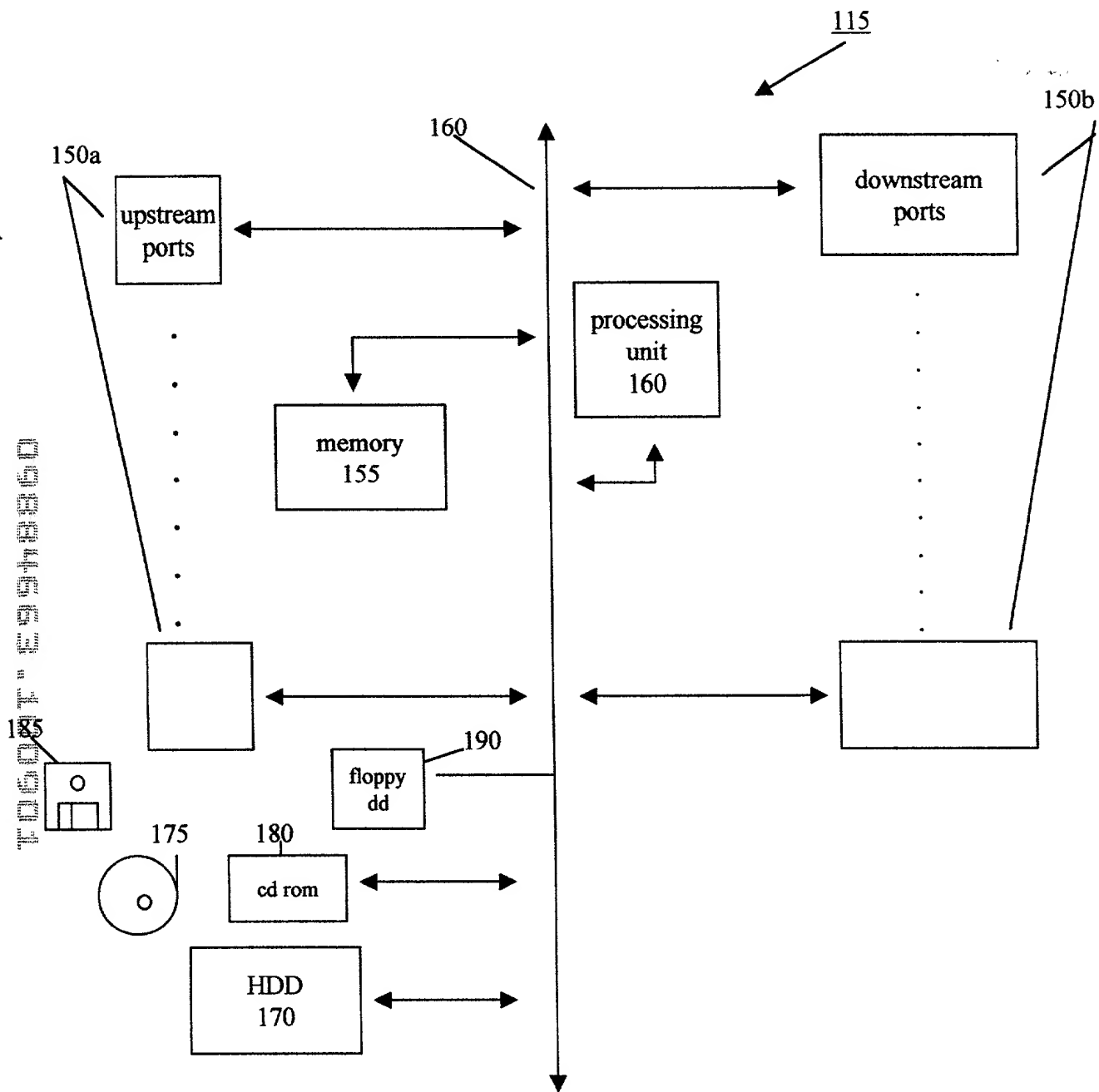


Figure 1A

```
graph TD
    Start([start]) --> Receive[receive]
    Receive --> D210{data packet?}
    D210 -- yes --> D228{in order}
    D210 -- no --> D215{IS ACK A DUPAK?}
    D228 -- yes --> S245[store]
    D228 -- no --> D250{higher?}
    S245 --> S248[send to MS]
    S248 --> End1[ ]
    D250 -- no --> D265{radio links down?}
    D250 -- yes --> S255[store]
    S255 --> S260[send ACK to content Sewer]
    S260 --> End2[ ]
    D265 -- yes --> S270[block]
    S270 --> End3[ ]
    D265 -- no --> D275{higher ACK received from MS?}
    D275 -- yes --> S280[retransmit higher ACK]
    S280 --> End4[ ]
    D275 -- no --> S285[forward to mobile station]
    S285 --> End5[ ]
    D215 --> S225[forward ACK to content source]
    S225 --> Receive
    D215 -- yes --> S220[retromiont intervening packets]
    S220 --> D215
```

Figure 2

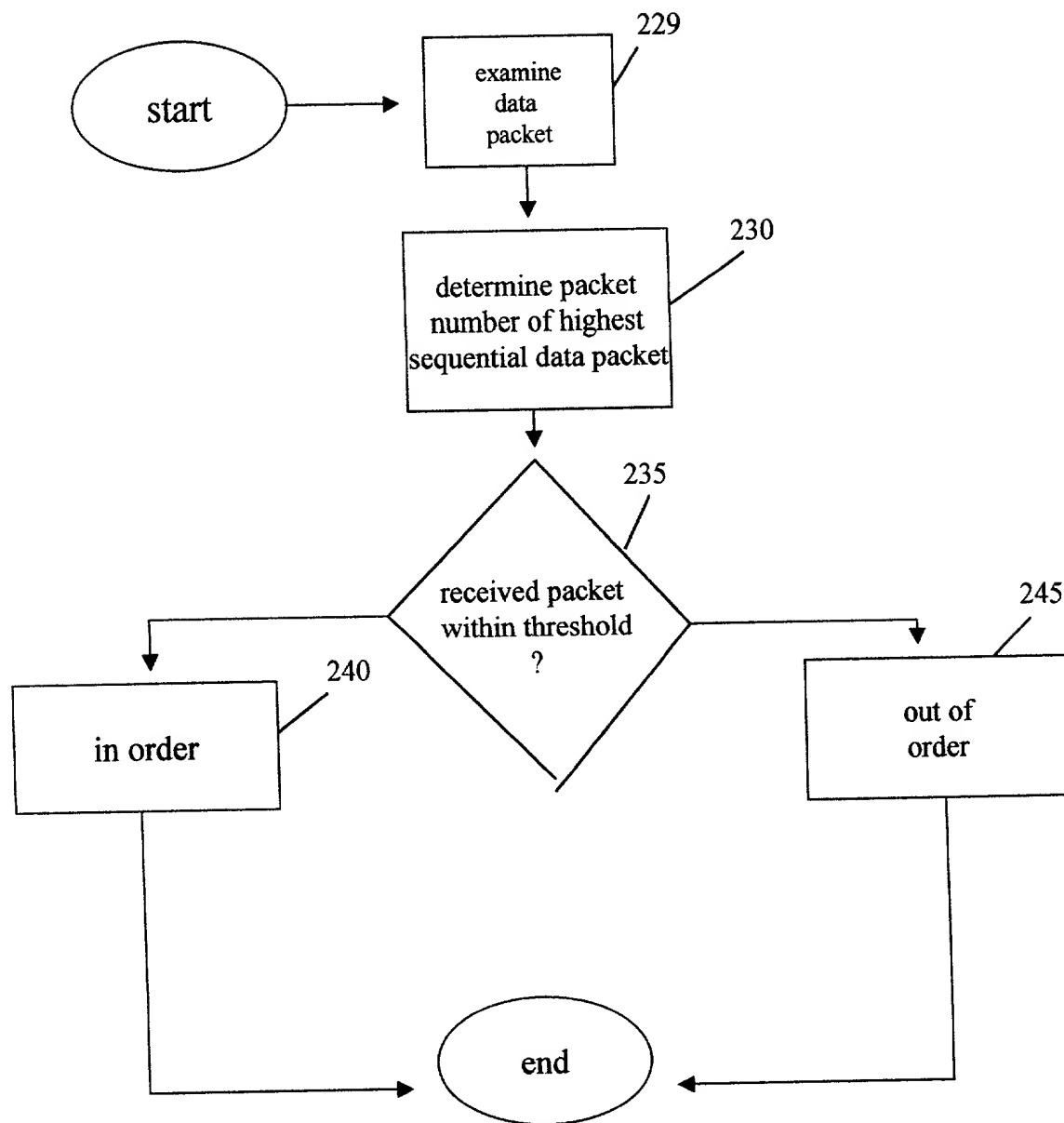


Figure 2A

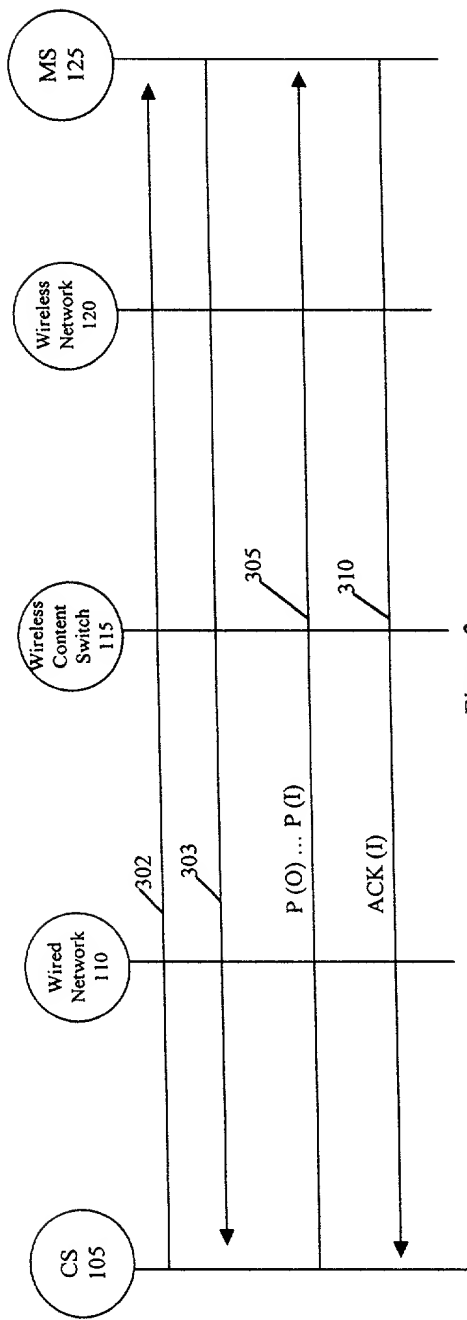


Figure 3

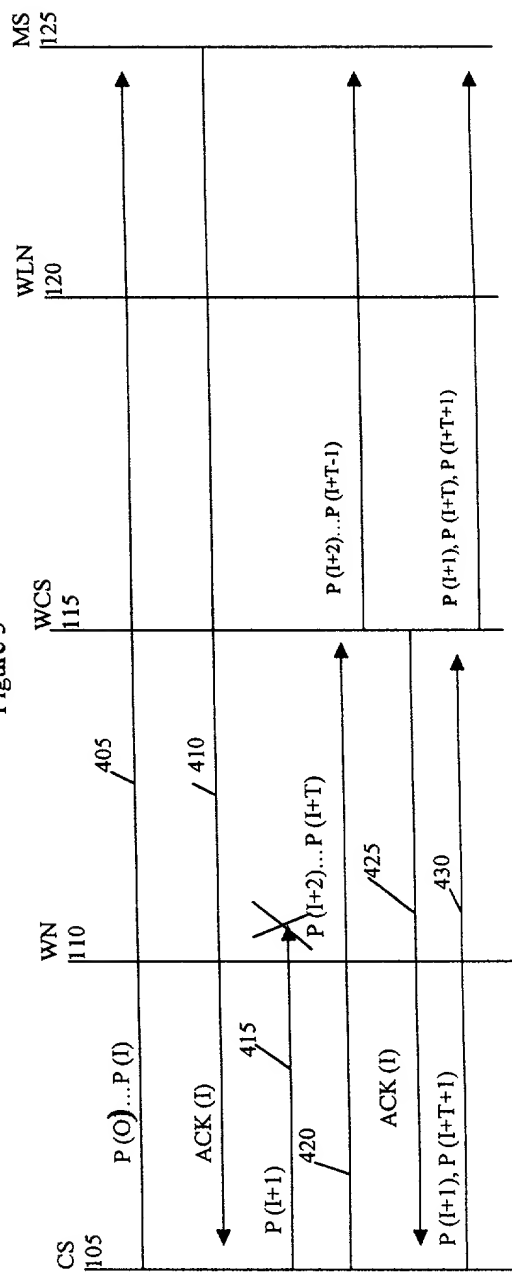


Figure 4

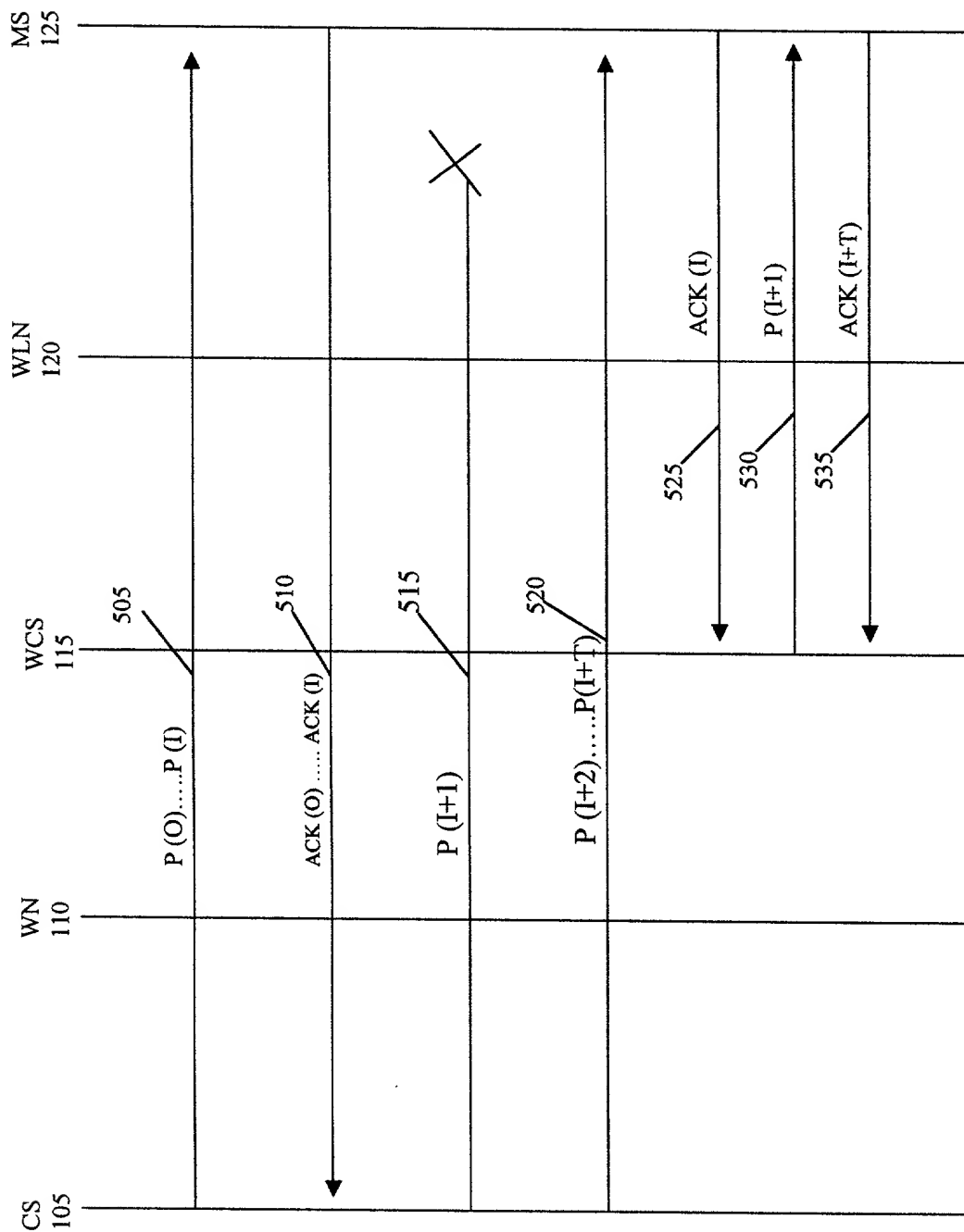


Figure 5

